

General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.
- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.
- This document is paginated as submitted by the original source.
- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

CalESCO

CALIFORNIA EARTH SCIENCE CORPORATION

1318 SECOND STREET, SUITE 27 SANTA MONICA, CALIFORNIA 90401 TELEPHONE 395-4528, AREA CODE 213

October 8, 1975 "Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

Contract NAS 2-7698
MONTHLY PROGRESS REPORT NO. 28
October 1975

Fault Tectonics and Earthquake Hazards in the Peninsular Ranges,
Southern California, EREP Investigation 463

NASA-Lyndon B. Johnson Space Center
Technical Support Procurement Branch
Houston, Texas 77058

Attention: Mrs. Ruth Elder, Mail Stop BB631 (B9)

Dear Mrs. Elder:

California Earth Science Corporation (CalESCO) is pleased to submit its 28th
Monthly Progress Report on the application of Skylab imagery to analysis of
fault tectonics and earthquake hazards in the Peninsular Ranges, Southern
California under NASA Contract No. NAS 2-7698.

Summary Outlook

The principal plans for the immediate future are to prepare the final reports
on our analysis of Skylab data, and to prepare and analyze S192 images. Field
studies of the area covered by the S192 images will be accomplished when the
technical report in preparation is completed.

Significant Progress

1. Work was continued on a technical report describing our analysis of the
enhancement characteristics of pseudocolor transformations.
2. Ratio images of all usable S192 channels of the Mojave test area were
generated.

Expected Accomplishments, Current Month

1. Work will continue on a technical report describing our analysis of the
enhancement characteristics of pseudocolor transformations.
2. Ratio images of S192 channels of the Mojave test area will be analyzed.

Travel Summary and Plans

No travel is planned during October.

N76-11518

Unclas
00020

CSCL OPG G3/43

(E76-10020) FAULT TECTONICS AND EARTHQUAKE
HAZARDS IN THE PENINSULAR RANGES, SOUTHERN
CALIFORNIA Monthly Progress Report, Oct.
1975 (California Earth Science Corp., Santa
Monica.) 2 p HC \$3.50

October 8, 1975

Very truly yours,

CALIFORNIA EARTH SCIENCE CORP.

Donald L. Lamar for

Paul M. Merifield
Principal Investigator

cc: NASA Scientific and Technical
Information Facility
P.O. Box 8757
Baltimore/Washington
International Airport, Maryland 21240

NASA-Lyndon B. Johnson Space Center
Earth Observations Division
Attn: Dr. David Amsbury, Mail Code TF6
Houston, TX 77058

NASA-Lyndon B. Johnson Space Center
Earth Resources Program Office
Attn: Robert K. Stewart, Mail Code HD
Houston, TX 77058